

MONTGOMERY WARD



Heating and Air Conditioning



Hydronic Heating Systems

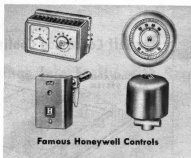


Central Air Conditioners

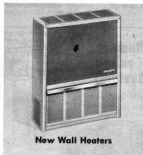


Automatic Furnaces

1962 CATALOG



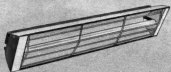
Famous Honeywell Controls



New Wall Heaters

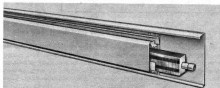


New Incinerator



New Infra-Red Heaters

Look to  **Airway**
FOR THE LATEST IN
MODERN EQUIPMENT



Electric Baseboard Panels

MONTGOMERY WARD

Baltimore 32, Md. • Albany 1, N. Y.

Enjoy The Comfort of Forced Air Heating and

FAMOUS MAKER QUALITY AT WARDS LOW PRICES... DO IT



Fairway Forced Air Heating

Comfortable, Even Warmth throughout Your House—Wards offers a complete selection of top quality furnaces to meet your exact needs. Choose from the many Gas and Oil models on the following two pages. Wards Top Quality furnaces are completely new in design and improved in performance to further assure you of "More Quality for Less."

Honeywell Control System—Famous Minneapolis-Honeywell controls on Fairway furnaces assure exact temperature regulation in every room or area in your house. For a complete selection of Honeywell thermostats, for new or replacement use, see Page 23.

Uniform Humidity—Finest Fairway automatic humidifiers end dryness, give fresh, healthful air. **Clean, Filtered Air**—Large filters trap dust, dirt and pollen... keep air clean and healthy. **Draft-free Circulated Air**—Oversized blower automatically moves warm air without drafts.

Simplified Installation... **Do It Yourself and Save**. Clear, detailed instructions included with each furnace... make installation easy... you save on costly installation services. Wards offers an extensive selection of pipe and fittings to let you install a complete heating system. Should you need any help or advice, use Wards Customer Engineering Service—see Back Cover.

AGA Approved Gas Furnaces... **UL Approved Oil Furnaces**—Fairway furnaces meet or exceed the highest standards of the heating industry for outstanding performance, trouble-free service and easy care. Wards guarantee your complete satisfaction or your money back.

Fairway Air Conditioning Gives You...

Sea-Breeze Coolness All Summer—Enjoy the luxury and comfort of an air cooled house. Wards offers a cooling unit for any type home... any type installation. Choose Remote or Self-Contained units on Pages 7 and 8 or the all-new "ready-to-install" Air Conditioning System on Page 9. You'll find the finest quality in Fairway air conditioning equipment and accessories.

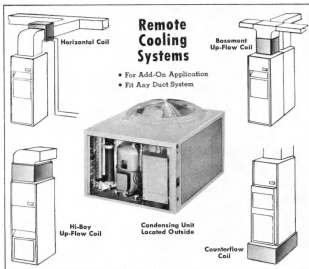
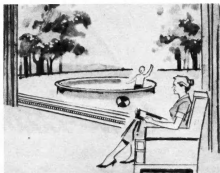
Relaxed Living Day and Night—Plan now to avoid summer's hot, muggy weather. You'll work better... sleep better... enjoy life more in an air conditioned house.

Controlled Coolness—Minneapolis-Honeywell controls let you select the exact amount of cool air you want... never any unpleasant cold drafts... controlled comfort always.

Full Capacity... **Extra-Heavy-Duty Compressor**—Powered by refrigerant-cooled heavy-duty motor—Guaranteed 5 Years. All units tested and rated as specified by A.R.I. (American Refrigeration Institute)... and Wards Laboratories for unexcelled performance... operation... easy care—your assurance of finest quality and efficient, trouble-free service.

Rugged, Weatherproof Construction—Cabinets of heavy bonderized steel prevent rusting... finished with corrosion-resistant epoxy primer and top coated with long lasting baked enamel.

Simplified Installation—Save time and labor... do it yourself. The new "ready-to-install" Fairway Air Conditioning System on Page 9 presents the easiest... most convenient method of air conditioning installation—just set in place... connect with quick-connectors and your system is ready to use. All Fairway units come with clear, easy-to-follow instructions.



Remote Cooling Systems

- For Add-On Application
- Fit Any Duct System

Self Contained Cooling Systems

SELF-CONTAINED ATTIC SYSTEM

SELF-CONTAINED BASEMENT SYSTEM

Attach to present duct work and existing heating system

Free Estimating Service

Send for Wards Heating and Air Conditioning Estimate Blank—obtain complete information for any type heating system or air conditioning unit free. For information and handy coupon, see Back Cover.

Free Tool Lending Service

Wards will lend you at No Charge the tools needed to install your system. You make a small deposit which is returned when tools are returned in 60 days. Pay only one-way shipping charges. See details Back Cover.

Easy Terms... No Money Down

Improve your home now... pay later... with Wards special Home Improvement terms. No down payment required and you have up to 36 Months to pay balance. See Back Cover for complete information.

Fairway AUTOMATIC Forced Air Furnaces

Best Gas Furnaces ... 7 Ways Better

1. Coated Heat Exchanger—Porcelain fused to steel inside and out for extra protection—eliminates burnouts, protects against corrosive flue gases and rust from condensation during summer months.
2. Cushion-Mounted Blower—"Life" rubber isolates blower and motor assembly from chassis ... Capable for heating and cooling.
3. Cast-Iron Burners—Noiseless operation; eliminates warping.
4. Extra-large Capacity Filters for effective cleaning of circulated air ... aid in removing dirt, dust, lint and pollen from the air.
5. Beautifully Styled Cabinet—Bonderized steel. Baked enamel finish.
6. Summer Fan Switch—A flick of this switch gives constant blower operation ... no need to disturb winter control settings.
7. Complete Minneapolis-Honeywell Control System—Matched and synchronized. For thermostat see "Honeywell Thermostats" below.

A Basement Lowboy ideal space-saver replacement unit. Auto. limit control protects against overheating. Adapts to air conditioning. Adjustable "V" belt drive multi-vane blower. AGA Appr. 2 small units use 5-in. vent others 6 in.

Catalog Number			BTU per Hr. Input	Blower Input	Casing Size Inches			Openings In.			Wt. Lbs.	Cash Price
Nat. Gas	LPG		HP/CFM	H	W	D	Warm	Return	L	W		
81 HC 6340R	81 HC 6341F	100000	1/4	950	423/4	20 1/4	48 1/4	18 1/4	18 1/4	18 1/4	230	\$259.00
81 HC 6342R	81 HC 6343F	120000	1/4	1150	423/4	20 1/4	48 1/4	18 1/4	18 1/4	18 1/4	230	\$279.00
81 HC 6344F	81 HC 6345F	150000	1/2	1300	423/4	25 1/4	48 1/4	23 1/4	23 1/4	23 1/4	230	\$319.00
81 HC 6346F	81 HC 6347F	175000	3/4	1400	423/4	25 1/4	48 1/4	23 1/4	23 1/4	23 1/4	230	\$319.00

B Compact Highboy. Ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V"-belt drive, multi-vaned blower. Use 6-in. vent pipe.

Catalog Number			BTU per Hr.	Blower	Casing Size inches			Warm Air Opening			Ship. wt.	Cash Price
Nat. Gas	LPG	Input	HP	CFM	H	W	D	L	W	Return	lbs.	Inst.
81 HC 6356R	81 HC 6357F	80000	1/4	800	53	20 1/4	27 1/4	14	14	14	235	\$199.00
81 HC 6358R	81 HC 6359F	100000	1/4	950	53	20 1/4	27 1/4	14	14	14	260	\$219.00
81 HC 6360R	81 HC 6361F	125000	1/2	1150	55	23 1/4	27 1/4	14	14	14	280	\$249.00
81 HC 6362R	81 HC 6363F	150000	3/4	1300	55	23 1/4	27 1/4	14	14	14	330	\$269.00
81 HC 6364F	81 HC 6365F	175000	1	1400	55	23 1/4	27 1/4	14	14	14	340	\$289.00

C Return Air Drop. For (B) for return air opening at top instead of bottom. Ideal for basement installations. Matches furnace. Save money—costs less than building it. Built-in access door; handle, filter rack. Install at rear or sides.

Catalog Number	Fits Furnaces	Size Inches			Return Air Top Opening			Ship. Wt. lbs.	Cash Price
		H	W	D	H	W	D		
81 HC818AR	6356-6357-6358-6359	55	23 1/4	14	22 1/4	13 1/4	44	40	\$20.00
81 HC918BR	6360-6361-6362-6363-6364-6365	55	23 1/4	14	22 1/4	13 1/4	44	40	\$20.00
81 HC9182R	6350-6351-6354-6355	55	14 1/4	14	12 1/4	13 1/4	37	15.00	

Honeywell Thermostats—the finest in thermostatic controls. So that you can select the exact thermostat to fit your individual needs, we do not include a thermostat with furnace. Order Standard Round; Day-Night; Indoor-Outdoor or Automatic Electric Clock Thermostat from Page 23.

Value Leader Gas Furnaces ... with Many Features of Our Best

- Low-and Highboy Models
- Steel Heat Exchangers

D Lowboy ... Ideal for Basement Installations. Designed for top-front venting. Can be installed where overhead clearance is limited. Sizes meet most residential needs. "Flame-shaped" combustion chamber for maximum heat extraction and economy of operation. Blue and gray baked-on enamel finish. Adaptable to air conditioning.

E Highboy ... Extremely Compact and Versatile. May be installed in closets, utility rooms, or basements to conserve space. Sizes meet most domestic home needs. Durable gray baked-on enamel finish. "Flame-shaped" combustion chamber gives max. heat extraction.

Catalog Number			BTU per hr. input	Blower	Vent Pipe in.	Casing Inches	Openings in.					Ship. wt. lbs.	Cash Price	
Nat. Gas	LPG	HP					CFM	H	W	D	Warm			Return
81 HC 6336R	81 HC 6337F	100,000	1/4	950	5	42 3/4	20 1/4	48 1/4	20 1/4	18 1/4	18 1/4	18 1/4	280	\$169.00
81 HC 6338R	81 HC 6339F	125,000	1/4	1150	5	42 3/4	20 1/4	48 1/4	20 1/4	18 1/4	18 1/4	18 1/4	280	\$169.00

F Highboy ... Extremely Compact and Versatile. May be installed in closets, utility rooms, or basements to conserve space. Sizes meet most domestic home needs. Durable gray baked-on enamel finish. "Flame-shaped" combustion chamber gives max. heat extraction.

Catalog Number	Nat. Gas	LPG	BTU per Hr. Input	Blower Input	Vent Pipe In.	Casing Inches	Openings In.			Ship. Wt. lbs.	Cash Price
							W	W	Return		
81 HC 6350R	81 HC 6351F	80,000	1/4	700	4	55	14 1/4	28 1/4	12 1/4	195	\$129.00
81 HC 6354R	81 HC 6355F	100,000	1/4	865	5	55	14 1/4	28 1/4	12 1/4	250	\$154.00

"R" after Cat. No. means Shipped promptly from Mail Order House Stock. "F" from Chicago Factory; allow 10 days.

COMPARE QUALITY, DESIGN, PRICE...WHY PAY MORE?

Best Oil Furnaces Guaranteed 15 Years

- Honeywell Control System—Matched and synchronized... for thermostat see Page 23
- Oil Burner—High-pressure type for ease of maintenance and efficient operation
- Combustion Chamber—Highest heat-resistant chromium alloy and stainless steel
- Heavy-Duty Blower Motor—Overload protection... Extra-quiet—mounted in rubber
- Wrap-Around Radiator—Extracts more heat from flue gases for lowest fuel bills
- Insulated Cabinet—Aluminum foil-faced corrugated asbestos allows installation near combustible materials... Two-tone blue and gray baked-on enamel finish
- Air Conditioning Capacity—Multivoned blower; "V"-belt drive. Adjust. air speed
- Air-Tight Steel Base seals out unfiltered basement air from distribution system

F Basement Lowboy with Steel Heat Exchanger. Compact... especially designed for installations with low overhead clearance requiring large heating capacity. Automatic Honeywell controls fully enclosed. Beautifully styled. Two larger sizes shipped from New Castle, Del. Factory; allow 10 days. Others promptly from Stock.

Cat. No.	BTU Hr. Input	Nozzle Size G.P.R.	Blower HP	Flue Size in.	Casing Size Inches			Openings in.			Ship. wt. lbs.	Cash Price
					H	W	D	W	H	D		
81HC6176R	105,000	.75	1/4	960	6	42	22 1/2	49	20	20	355	\$327.00
81HC6178R	145,000	1.00	1/4	1100	6	42	25 1/2	57 1/2	23	23	360	\$47.00
81HC6179R	162,500	1.20	1/4	1300	6	42	25 1/2	57 1/2	23	23	360	\$47.00
81HC6180R	200,000	1.50	1/4	1500	7	52 1/2	57	61	21	21	630	\$47.00

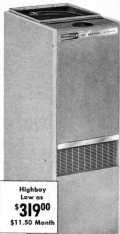
G Up-Flow or Highboy with Steel Heat Exchanger. Extremely compact. Ideal for utility room, closet or alcove installations. Automatic Honeywell controls fully enclosed—gives pleasing appearance. Shipped promptly from Stock.

Cat. No.	BTU Hr. Input	Nozzle Size G.P.R.	Blower HP	Flue Size in.	Casing Size Inches			Openings in.			Ship. wt. lbs.	Cash Price
					H	W	D	W	H	D		
81HC186R	105,000	.75	1/4	960	6	42	22 1/2	32	20	18	330	\$319.00
81HC188R	140,000	1.00	1/4	1100	6	42	25 1/2	35	23	18	330	\$39.00

No Money Down—Up to 3 Years to Pay... See Page 24
See 15-Year Guarantee, Opp. Page



Lowboy
Low as
\$327.00
\$11.50 Month



Highboy
Low as
\$319.00
\$11.50 Month

INSTALL IT YOURSELF... OR LET WARDS DO IT

No special experience is needed to install Wards heating equipment. Clear, step-by-step instructions make installation easy. And if you need tools, Wards will lend them to you (see back cover). If you prefer to have it done, we can arrange for expert installation... visit your nearest Ward store for this service.

Value Leader Oil Furnaces... Guaranteed 15 Years

- Functional styling and reasonable price for the economy-minded buyer
- Beautiful Dark Gray Finish—Blends easily in room color scheme
- Shipped completely wired and assembled including oil burner and controls
- Direct Drive Blower—Air conditioning capacity for 2 1/2-HP Unit
- Gas-type Hi-pressure Oil Burner... 14-gauge Wrap-around heat exchanger
- Honeywell Controls—Matched and synchronized... for thermostat see Page 23

Lowboy and Highboy Models... Steel Heat Exchangers

H Compact, Attractive Lowboy Furnace. Suited to installations with low overhead clearance. Sturdy steel casing. Completely automatic Honeywell controls. Removable front panel, cleanout covers, hinged service door for easy cleaning, adjustment. Large round radiator provides extra heating surface, long flue travel. Input 105,000; Output 84,000; Nozzle size .75; Blower motor HP 1/4; Blower Diameter 8 in.; CFM 960; Overall inches: H 42, W 22 1/2, D 39 1/2; Air openings in: Warm 20x20, Return 20x14 1/2; Flue pipe size 6 in. Promptly from Stock.

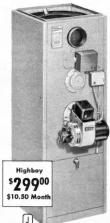
81 HC 6175 R—Shipping weight 335 lbs. See Guarantee opposite page..... Cash \$247.00

J Extremely Compact Highboy Furnace. Ideal for utility room, closet or alcove. Automatic controls and operation. Removable front panel, cleanout covers, hinged service door for easy cleaning and adjustment. Large round radiator provides extra heating surface, long flue travel. Insulated cabinet—heavy corrugated asbestos insulation with aluminum foil facing prevents heat loss. Direct drive blower motor. BTU per hour: Input 105,000; Output 84,000; Nozzle size .75; Blower motor HP 1/4; Blower Diameter 8 in.; CFM 960; Overall in.: H 62, W 22 1/2, D 31 1/2; Air Openings in: Warm 20x20; Return 18x18; Flue pipe size 6 in. From Stock.

81 HC 6185 R—Shipping weight 325 lbs. See Guarantee opposite page..... Cash \$299.00



Lowboy
\$247.00
\$9 Month



Highboy
\$299.00
\$10.50 Month



Fireway Steel Coal-Fired Gravity Furnaces... Guaranteed 15 Years

(K) One-piece Fire Chamber. Heavy body with full-length integral pouch extra-heavy head. Firebrick fire pot 1/4 in. thick—duplex grates permit free circulation of air. Cast-iron connecting collar design prevents leakage of gas and smoke into the warm-air chamber. Complete with hand regulator dial; chain pulleys; cement pokers; check drift; cast-iron water pan; instructions. Hand-fired furnaces can be easily converted to automatic firing, forced air circulation or both. Order thermostat separately—see Page 23. Shipped promptly from Stock.

(K) Pipe-type. Casing height 66 in. Order pipe and register system Pages 10, 11.

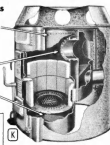
Catalog Number	Body Diam.	Casing Diam.	Room Capacity	Pipe Area Gravity System	Smoke Pipe	Ship. wt.	Cash Price
81 HC 5511R	20 in.	41 in.	Up to 6	458 sq. in.	8 in.	688 lbs.	\$163.00
81 HC 5512R	22 in.	43 in.	Up to 7	537 sq. in.	8 in.	765 lbs.	\$183.00
81 HC 5513R	24 in.	45 in.	5 to 8	647 sq. in.	9 in.	912 lbs.	\$198.00
81 HC 5514R	26 in.	47 in.	7 to 9	790 sq. in.	9 in.	1007 lbs.	\$258.00

(L) Pipeless-Type. Bonnet extension for single register in first floor only. Register included.

Catalog Number	Body Diam.	Floor Register	Casing Diam.	Room Capacity	Register Rating	Smoke Pipe	Ship. wt.	Cash Price
81 HC 5516R	20 in.	30x30 in.	45 in.	Up to 6	62,300 BTU.	8 in.	818 lbs.	\$225.00
81 HC 5517R	22 in.	32x32 in.	48 in.	5 to 7	75,700 BTU.	8 in.	914 lbs.	\$255.00
81 HC 5518R	24 in.	34x34 in.	51 in.	6 to 8	88,000 BTU.	9 in.	994 lbs.	\$275.00

Check Outstanding Features

- **Rivet-Weld Construction**—Heavy 26-gauge boilerplate steel sheets riveted and electrically welded
- **Cast-Iron Collar** joins furnace body and radiator securely
- **Extra large ash pit** more convenient—requires less frequent removal



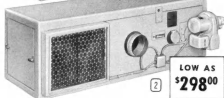
(K), (L) GUARANTEED 15 YRS. If any metal part (except grates) burns out due to defect in materials, workmanship, Wards furnish new part charging proportionate cost of current selling price based on unexpired portion of Guarantee.

Low as 163.00

CBA2 WARDS 5

Fairway Horizontal Forced Air Furnaces

SPACE-SAVING COMPACT DESIGN... GUARANTEED 10 YEARS



Gas Furnaces

- Heavy 16-gauge steel heat exchanger and combustion chambers electro-welded into one piece
- Efficient, quiet, cast-iron slotted port gas burner
- Appr. by American Gas Assn.
- Approved for installation on combustible floors—furnace needs no sub-base

Oil Furnaces

- High-pressure gas-type burner gives maximum efficiency
- "Wrap-around" radiator provides large heat transfer surface for greater economy
- Finest quality unbrennable combustion chamber
- UL Approved for installation with 1-in. clearance on sides and rear from combustible material

1 **Ideal for Small Area Installation.** Double width, double inlet centrifugal blower. 110-120 V. 60-cyc. AC. Humidifiers not included—see below right. Oil furnace not recommended for attic installation. 80,000 BTU, 100,000 BTU, 105,000 BTU models have permanent split capacitor direct-drive motor—no changes necessary for air conditioning; others have split-phase belt-drive blower. See complete details of 10-year Guarantee on Page 4.

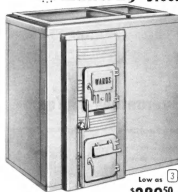
(1) Gas Furnaces. Only 23½ in. high. End openings for return and warm air. Includes automatic fan and limit control; room thermostat; 100% automatic safety pilot; gas control valve; hand shut-off cock; draft diverter. Gas pipe connection ½ in. Vent pipe sizes: 80,000 and 100,000 BTU—5 in.; 135,000 BTU—6 in.—see Page 19. Dual-Fuel models not available. Promptly from Baltimore Stock.

Fon LPG Only Cat. No.	NATURAL Gas Cat. No.	BTU per hour Input	BTU per hour Output	Blower HP	Casing Size, in. L x W	Air Open. in. H x W	Blower Dia. in.	Ship. Wt. Lbs.	Per Month	Cash Price
81HC6481RT	81HC6476RT	80,000	64,000	¾	46½ x 16½	20 x 15	9	790	244	\$207.50
81HC6483RT	81HC6478RT	100,000	80,000	1	46½ x 16½	20 x 15	9	990	244	\$254.50
81HC6484RT	81HC6479RT	135,000	108,000	1¼	52½ x 21½	20 x 19½	13½	1310	312	\$277.50

(2) Oil Furnaces. Overload protection. Includes fan and limit control; room thermostat; automatic barometric draft regulator; safety stock switch. Pipe sizes: 105,000 BTU—6 in.; others 8 in. Assembled and wired at factory; oil burner shipped in separate package. "RT" means from Balt. Stock.

Catalog Number	BTU per hour Input	BTU per hour Output	Blower HP	Cabinet Size, in. L x H x D	Air Openings, in. Warm Return	Ship. Wt. Lbs.	Per Month	Cash Price
81HC162RT	140,000	110,000	1.00	58½ x 21½ x 27	20 x 20	1100	288	\$105.00
81HC163RT	160,000	125,000	1.15	58½ x 21½ x 27	20 x 20	1300	372	\$138.00
81HC164RT	180,000	140,000	1.30	58½ x 21½ x 27	20 x 20	1500	460	\$170.00

Fairway Steel Forced Air Coal Furnaces



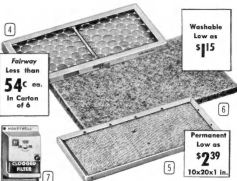
3 **Guaranteed 15 Years**—see below. Automatic temperature controls. Baked enamel steel cabinet. Cast-iron doors and front, 1-piece welded and riveted steel fire chamber. Roller bearing cast-iron gears. Blower and motor are rubber mounted. Has adjustable blower speed and belt tension. Can be converted to stoker, gas or oil. Order humidifier at right.

Complete with thermostat fan control; automatic check damper and limit control; cast iron stoker; barometric draft control; instructions. For 110-120 volt, 60-cycle AC. Automatic overload protection. Casing is 56 in. high—except largest size which is 58 in. high. Smoke pipe size is 9 in.—except smallest size which is 8 in.—see Page 19. Shipped un assembled.

GUARANTEE. Furnace is Guaranteed 15 Years. If any metal part (except grate) burns out due to defect in materials or workmanship, Wards will furnish a new part charging proportionate amount of current selling price based on unexpired portion of guarantee period.

Catalog Number	Body Diam. In.	Casing Size, In.	Room Capacity	Built-In Blower H P	Filters		Size Opening, Inches Warm/Return	BTU Output per hour at Furnace	Ship. Wt. Lbs.	Per Month	Cash Price	
					No.	Size, in.						
81HC1601R	22	53x38	To 6	1/4	1300	2	16x25	20x25	173x21	93,200	908	\$115.50
81HC1602R	22	55x40	6 to 7	1/4	1300	2	20x25	20x25	173x21	115,000	1004	\$139.50
81HC1603R	24	61x43	7 to 8	1/4	1800	4	20x25	20x25	205x27	131,400	1089	\$189.50
81HC1604R	27	68x48	8 to 10	1/4	2000	4	20x25	20x25	205x27	160,000	1311	\$249.50

See Back Cover for information on Wards Easy Home Improvement Terms and Tool Loan Service. Find out how you can shop from the comfort of your home by just calling your nearest Wards Catalog Store.



Furnace Filters Give Healthier Air

4 **Fairway Replacement Air Filters—Buy Six and Save More.** Span Fiberglas filters out dust and lint. Trap dirt all through filter—not just on the surface. For forced warm air heating and air conditioning systems. Greater density of filtering media means greater dirt-catching power. Available.

Catalog Number	Size in.	Carton of 6 Ship. Wt. Lbs.	Price	Carton of 6 Ship. Wt. Lbs.	Price
81 HC 8482 M	10x20x1	3 lbs.	\$1.79	5 lbs.	\$3.19
81 HC 8483 M	14x20x1	3 lbs.	1.99	4 lbs.	3.59
81 HC 8484 M	14x25x1	4 lbs.	1.99	7½ lbs.	3.59
81 HC 8489 M	15x20x1	3½ lbs.	1.99	7½ lbs.	3.59
81 HC 8490 M	16x20x1	3½ lbs.	1.99	8 lbs.	3.59
81 HC 8491 M	16x25x1	4½ lbs.	1.99	8½ lbs.	3.59
81 HC 8492 M	20x20x1	4½ lbs.	1.99	6¼ lbs.	3.59
81 HC 8493 M	20x25x1	5 lbs.	2.19	8 lbs.	3.89
81 HC 8494 M	25x25x1	5½ lbs.	2.49	10½ lbs.	4.59
81 HC 8485 M	10x20x2	4½ lbs.	3.09	6¼ lbs.	5.59
81 HC 8486 M	16x25x2	5½ lbs.	3.09	7¾ lbs.	5.59
81 HC 8487 M	20x20x2	5½ lbs.	3.09	8¼ lbs.	5.59
81 HC 8488 M	20x25x2	6½ lbs.	3.59	10½ lbs.	6.29

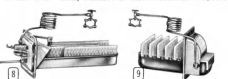
5 **Permanent Aluminum Filters.** Save on replacement—use same filter for years. Completely washable... or vacuum clean. Double layers of knitted aluminum mesh. Scott-dam in strong enameled steel frame—allows full air passage.

Catalog No.	Size	Ship. wt. Lbs.	Each
81 HC 8454	10x20x1 in.	2 lbs.	\$2.39
81 HC 8455	15x20x1 in.	2 lbs.	2.59
81 HC 8456	16x20x1 in.	2 lbs. 2 os.	2.69
81 HC 8457 M	16x25x1 in.	2 lbs. 12 os.	2.89
81 HC 8458 M	20x20x1 in.	2 lbs. 10 os.	2.89
81 HC 8459 M	20x25x1 in.	2 lbs. 2 os.	3.19

6 **Washable Filters.** Each filter coated with Neoprene rubber. No oil necessary. Clean by shaking or wash with hot water. Easily cut to size. Ship. wt. 1 lb.

81HC8516-16x25x1 in. \$1.15 81HC8517-20x25x1 in. \$1.60

7 **Furnace Filter Flag.** Indicates when filters need cleaning or replacing. For any forced warm air furnace. Postpaid. 81 HC 8719—Easily installed on blower cabinet... \$3.95



Furnace Humidifiers and Plates

8 **Wards Finest Temperature-Controlled Humidifier.** No float needed—water valve opens, closes automatically. Thermostat valve keeps constant level of water in stainless steel pan. Fits any bonnet 17 in. or larger. 4 fiber glass plates; overflow: 5-ft. copper tubing; saddle valve; instructions. 81 HC 8497—Shipping weight 5 lbs. Complete \$9.95

Replacement Plates for Wards Humidifier (8). Filter glass. 81 HC 8498—3½x9 in. Ship. wt. 1 lb. Package of 4 \$1.75

9 **Wet Wing Prairie-5 Float-Type Humidifier.** Compact—fits all warm air furnaces. Large plate area. Holds up to 15 plates. Easily removed. Includes 5 evaporator plates; 5-ft. copper tubing; saddle valve; instructions. 81 HC 8425—Shipping weight 6 lbs. 8 oz. \$7.95

Replacement Plates for Wet Wing Humidifier (9). 81 HC 8426—Package of 10. Mailed Postpaid... \$2.89

Skutumpah "Vapoglass" Humidifier Plates. 100% pure glass. Fit Auto-Flo 100, 150; General 200; Viking 2300, 5600; Wet Wing W-5; Duet 5; Maid "O" Mist; Prairie 5; Char-Glow 512; Sears 9379, 9374; all Skutumpah except 450.

81HC8492—Can be trimmed. Postpaid... Package of 10 \$3.59

Shipping Notice: "R" after Cat. No. means Not Mailable. Shipped by Freight, Truck or Express. "M" is Mailable.

Two-Piece Remote Air Conditioners

MAXIMUM CAPACITY . . . MORE FLEXIBILITY . . . QUIETER OPERATION

Finest Fairway Air Cooled Central Air Conditioners. Made by a leading manufacturer of air conditioning equipment. All carry ARI® rating. Can be used in your present warm air furnace duct work, or separate runs may be installed. There's a Ward system to suit your needs. Wards Customer Engineering Department will help you—see Back Cover for details.

Quieter, More Economical Operation with remote-type air conditioners since condenser is located outside main building. Copper tubing used to connect condenser (outside) to cooling coil in duct work of furnace. Copper tubing, fittings listed on Page 22.

Expansion Valve in Fairway Air Conditioners Serves as Metering Device—insures equal distribution of refrigerant to cooling coil. Unit performs at maximum rated efficiency under changing outdoor temperatures. Superior to "capillary tube" systems offered by others.

Waste Heat from Condensing Unit Is Forced Upward to prevent killing of grass or plants.

Guaranteed 5 Yrs. All parts of Fairway refrigeration cycle will be replaced Free if defective in materials, workmanship. 1-Yr. Guar. on all electrical parts—replaced Free if defective.

Remote Cooling Equipment Selection Guide

Chart below contains information for selecting a complete Remote System which consists of two parts—(a condenser and a cooling coil) or (a condenser and a blower-coil combination). In it doubt, write Wards Customer Engineering Dept. for proper size.

How to Use Guide. From column 1, select the capacity you require. From Column 2, order the condenser. If you use your present furnace, choose coil from Columns 3, 4 or 5. For separate duct system or for a suspended "Free Blow" application, order blower-coil unit, Col. 6.

System Capacity BTU 90°F. Dry Bulb 76°F. Wet Bulb with Outside Temp. 95°F.	Condensing Unit Catalog Number	Matching Cooling Units (Select one only or (2) units where indicated)					
		Cooling Coil Only			Combination Blower and Coil Units		
		Upflow Coil	Downflow Coil	Horizontal Coil			
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
32,000	81HC5604RT	81HC5633RT	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	
36,000	81HC5604RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	
48,000	81HC5608RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	
48,000	81HC5608RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	
50,000	81HC5608RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	
61,000	81HC5608RT	81HC5635F	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	
62,000	81HC5608RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	
67,000	81HC5608RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT	81HC5642RT	

Above systems meet ARI® standards. Units use 230 V, 1-phase 60-cy. current. For 3-phase units order special through Cust. Eng. Dept.—see Back Cover. To convert BTU system cap. to tons cooling, divide BTU by 12,000. Ex.: 36,000 BTU/12,000=3 tons cooling.

*Air-Conditioning and Refrigeration Institute.



Large Capacity Condensing Units

D Ideal for extra-large dwellings or in business places where smaller unit would not handle the cooling load. Zinc-coated steel unit is completely wired inside with all leads targeted for fast, easy installation. Copper tubing (order separately, see Page 22) carries refrigerant from condenser (outside) to cooling coil in duct work of furnace. Requires no water for cooling purposes. See Remote Cooling Equipment Selection Guide (at left) for the proper size unit to order. Larger units, both air and water cooled (not shown) up to 15 HP, available by special order through Wards Customer Engineering Department... write for specifications and prices. 230 volt, 1-phase, 60 cycle.

Catalog Number	Unit size inches			Shipping Weight	Per Month	Cash Price
	L	W	H			
81 HC 5604 RT	40	32 1/2	25 1/2	295 lbs.	\$17.50	\$499.00
81 HC 5606 RT	45 1/2	32	28 1/2	470 lbs.	24.50	699.00
81 HC 5608 RT	45 1/2	32	38 1/2	682 lbs.	28.00	799.00

Shipping Notice

"**" after Catalog Number means item is shipped promptly from Chicago, Baltimore, Kansas City or Ft. Worth M.O. Stock; or L.A. Warehouse. "RT" means from Richmond, Ind. Factory, allow 2 weeks extra.

Horizontal Cooling Coils . . . Blowers . . . Grills



E Blower and Cooling Coil Unit. Can be installed in either Vertical or Horizontal position. Suspend from ceiling—vibration eliminators furnished. Wide adjustment range on blower allows use with condensers to produce capacity from 32,000 to 60,000 BTU. Use expansion valve that comes with condenser. Write for details on commercial and other applications to Wards Customer Engineering Dept.—see Back Cover, Wt. 320 lbs. 81 HC 5642 RT—48 1/2 in. L, 23 1/2 in. W, 19 1/2 in. H...\$249.00

G Horizontal Outlet Plenum and Grill. Matches 81 HC 5642 RT. Required for "Free-Blow" Horizontal Application. 81 HC 5643 RT—Shipping wt. 37 lbs....\$35.00

Horizontal Cooling Coil and Case Only. Section, liquid lines and drain can be connected from either side. See Selection Guide for matching Condenser. Matches blower units below.

Catalog Number	Dimensions—Inches			Shipping Weight	Cash Price
	Length	Width	Height		
81 HC 5622 RT	35	12 1/2	12 1/2	88 lbs.	\$114.00
81 HC 5623 RT	48 1/2	14	24 1/2	136 lbs.	161.00
81 HC 5624 F	48 1/2	20	24 1/2	160 lbs.	190.00

2000 CFM Horizontal Blower Only. Use with Horizontal Cooling Coil 81 HC5623RT or 81HC5624F. 1/2-HP motor with adjustable pulley. Size: 27 1/2 in. long, 24 1/2 in. high, 48 1/2 in. wide. 81 HC 5640 F—Shipping wt. 225 lbs....\$152.00

3000 CFM Horizontal Blower Only. Same as 81 HC 5640F except has 3/4-HP motor for greater capacity. Use with Horizontal Cooling Coil 81 HC 5623RT or 81 HC 5624F. 81 HC 5641F—Wt. 225 lbs. No motor starter required...\$176.00

Upflow Type Cooling Coil and Case

A Easy to install. Upflow type cooling coil can be mounted in plenum of furnace... makes an attractive installation. Order coil and case separately. Order coil case size that best fits your requirements. See chart below. Coil case must be assembled on job. Use with condensing unit (D) above at right.

(A) Cooling Coil Case Only						(B) Cooling Coil Only					
Catalog Number	Dimensions in.				Wt. lbs.	Price	Catalog Number	Dimensions in.			
	L	W	H	H				L	W	H	H
81 HC 5636 RT	23 1/2	21 1/2	14 1/2	22	14.00	\$14.00	**81 HC 5633 RT	23 1/2	20 1/2	13	40
81 HC 5637 RT	24	25 1/2	14 1/2	29	14.00	\$14.00	81 HC 5634 RT	23 1/2	20 1/2	13	51
81 HC 5638 F	31 1/2	25 1/2	14 1/2	35	14.00	\$14.00	81 HC 5634 RT	23 1/2	20 1/2	13	51
81 HC 5639 F	31 1/2	25	16 1/2	31	24.00	\$24.00	81 HC 5635 F	30 1/2	23 1/2	14 1/2	72

**Coil 81 HC 5633 RT will also fit into Coil Case 81 HC 5637 RT.

Downflow Cooling Coil and Case

C Ready for Immediate Installation. Fits directly under counterflow furnace without additional duct work or support required. Refer to Selection Guide above for correct condensing unit to use with these coils.

81 HC 5625 F—31 1/2x21x17 in. Wt. 96 lbs..\$80.75
81 HC 5626 F—44 1/2x25x17 in. Wt. 136 lbs.104.50



No Money Down . . . Up to 3 Years to Pay . . . See Back Cover

NOW, INSTALL YOUR OWN Fairway

ONE-PIECE SELF-CONTAINED CENTRAL AIR CONDITIONERS

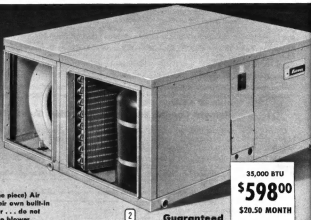


25,000 BTU
\$398.00
\$14 MONTH

1

**Guaranteed
5 Years**

Self-Contained (one piece) Air Conditioners have their own built-in cooling coil blower... do not require a furnace blower.



35,000 BTU
\$598.00
\$20.50 MONTH

2

**Guaranteed
5 Years**



(A) Mount outside, use present duct system



(B) Indoor flush-mount, use present ducts



(C) Mount through wall for shop or store



(D) Mount on roof for shop or store



(E) Carpet-mount with ductwork to attic



(F) Install in window, shop or factory



(G) Use as many as job requires

SELF-CONTAINED UNITS HAVE PLUS FEATURES

All-in-One Unit—Condenser, cooling coil and blower are factory assembled and ready to operate—just connect to electrical power. Ideal for cooling homes as well as large areas such as shops, banks, markets and factories.

Versatile—Can be connected to new separate duct system or to present warm air ducts. Hermetically sealed for trouble-free operation. Use outside air instead of water. 5-Year Guarantee on refrigerant system (see details below).

Easiest to Install—Multiple self-contained units allow zone control air conditioning at low cost. Add 2 or more units to handle any size job. The larger the job, the more economical these units become. UL approved for outdoor installation.

1 **Fairway 25,000 BTU, 2-Ton Model**—a low priced central air conditioner for home or business, cools large single areas or from 4 to 6 rooms. Use present warm air duct system to distribute cooled air. Unit completely wired internally—order thermostat (10) to (13) opp. page. Rust-resistant bordered steel cabinet has gray baked-on enamel finish. Two 3/4-in. drain connections with overflow feature in evaporator section. Overall 29 1/2 x 23 1/2 x 34 in. deep. See 5-Yr. Guar. below. Order grill assembly (5) if installed flush through outside wall. For 230 volt, 1-Ph. 60 cyc. 800 CFM evaporator air delivery.

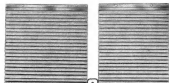
81 HC 5600 RT—Shipping weight 348 lbs. Only \$14.00 Month... Cash \$398.00

2 **Fairway 35,000 BTU, 3-Ton Model** has same line features as (1) except has larger cooling capacity. Unit will cool large areas or from 5 to 7 rooms. For larger installations, use as many units as needed. Two section cabinet construction permits easier handling. Built-in filter-drier removes moisture and acids, checks corrosion. Unit has three 3/4-in. drain connections with overflow feature in evaporator section. Overall 39 1/2 x 29 1/2 x 45 1/2 in. Order thermostat (10) to (13) opposite page. Order grills separately below. 1100 CFM evaporator air delivery. For 230 volt, 1-Ph. 60 cycle. See 5-year Guarantee below.

81 HC 5601 RT—Shipping weight 500 lbs. Only \$20.50 Month... Cash \$598.00

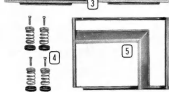
See "Shipping Information" on Opposite Page. For help in selecting correct system for your needs, write Wards Customer Engineering Dept., see Back Cover.

Grills and Springs for Air Conditioners



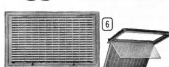
3 **Protective Grills.** Necessary for self-contained central air conditioner (2) above when installed outside. Consists of two heavy metal grills which fit blower inlet section and evaporator section... protect evaporator coil. Permanent louvers keep out rain. Protective wire mesh on inside keeps out birds and insects. Mail.

81 HC 5473 MT—Shipping weight 19 lbs. Set of 2 grills \$22.00



4 **Isolation Spring Set.** For (2) above. Reduces noise level, eliminates transmission of vibrations from unit to building. Use when unit is to be installed on roof, in attic or on floor. Install heaviest spring under condenser-section corner; three lighter springs under other corners.

81 HC 5483 T—Ship. wt. 2 lbs. 8 oz. Set of 4 \$11.50



5 **Flush Mounting Grill Assembly.** For unit (1) above. Required when unit is installed flush with outside wall (See sketch (B)). Assembly is unit extension and baffle arrangement which permits air to enter and exhaust from front of unit. Baffle arrangement eliminates recirculation of discharge air. Instructions included.

81 HC 5655 MT—Mail, Ship. wt. 2 lbs. 8 oz. \$11.50

6 **Filter-Type Return Air Grill and Frame.** Fits in ceiling for use with unit (1) above. Ideal for large room commercial installations requiring no return air duct system. (See (D)). Features fast, easy filter replacement. No tools required. Gold-color hammer-tone grill snaps out easily; tabs prevent filter from tipping forward and spilling contents. Order Filter same size as grill. Ship. wts.: 10 1/4; 13 lbs. State Size Wanted.

81 HC 5498 MT—25x14-in. Size... \$9.95. 25x20-in. Size... \$13.95

5-YEAR GUARANTEE

Hermetically sealed refrigerating unit of (1), (2) guaranteed 5 years; other parts 1 year. Defective parts will be replaced or replaced Free within guarantee.

Customer Engineering Service

A Custom-Designed Heating or Air Conditioning System in 2 Easy Steps.

First—Obtain Your Free Estimate Blank at your nearest Ward Catalog Store, or send coupon on Back Cover to your nearest Ward Mail Order House. Check Estimate Blanks you want. Information is requested in simple, non-technical terms—easy to fill in. Complete and return it to Wards.

Second—Wards Technical Experts Will Estimate All Your Needs from the information provided on your Estimate Blank. In a few days, the Free cost estimate and the recommendations for your exact needs will be returned to you.

SEE
BACK COVER

8 WARDS CHARGED

No Money Down... Up to 3 Years to Pay

AIR CONDITIONING SYSTEM

No Skilled Labor or
Experience Necessary

TWO-PIECE CENTRAL UNIT WITH SIMPLIFIED QUICK-CONNECTORS

"Do-It-Yourself" Connections



Quick-Connect Couplings link 24-ft. refrigerant lines quickly and permanently to cooling coil and condenser section. New stainless steel seal makes Suction Line and Liquid Line connections absolutely leakproof in any weather. Extremely easy to install . . . just crimp together.

Electrical Connection Kit for (7). Lets you do your own connecting simply and quickly. Includes all necessary wire, cable, conduit and fittings. Use to connect (A) 24-volt thermostat circuit (B) 110-V. furnace blower motor circuit (C) 230-volt condenser circuit (up to 100 ft. from house). Complete, illustrated instructions provided. Cable for (B) is plastic-covered and weatherproof . . . approved by Underwriters Laboratories and most communities for outdoor installation (check local code to be sure). Disconnect fuse box is installed outside . . . convenient to condenser. System can be cut off separately without affecting other house circuits. Wire terminals are tagged and wires are color coded. Shipped from Chicago; pay P.M. from nearest M.O. Hse. For tools, see electrical section in General Catalog.

81 HCP 5681RT—Ship. wt. 39 lbs. Not Mailable. \$40.00

5-YEAR GUARANTEE

Hermetically sealed refrigerating unit is **Guaranteed 5 Years**; all other parts are **Guaranteed for 1 year**. Defective parts will be replaced free within Guarantee.

Important

Shipping Information

Unless otherwise stated, all items on these two pages are shipped promptly from Chicago, Baltimore, Kansas City or Ft. Worth Mail Order House Stock.

- First Practical "Do-It-Yourself" System Offered to Date
- Complete with 24-Ft. Fully Charged Refrigerant Lines—Never Any Need to Add Refrigerant Gas
- No Previous Experience Needed for Installation
- You Save at Least \$200 on Labor Charges . . . Approximately 25% of the Normal Cost of a Complete System
- 35,000 BTU Rated Capacity at 95° Average Outside Temperature per A.R.I. standards

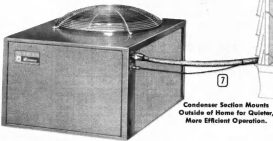
7 Now . . . A Complete Home-type Air Conditioning System at One Low Price. Includes Condenser . . . Cooling Coil . . . Coil Case . . . Quick Connectors . . . Thermostat (12) below. Order electrical kit 81HCP5681RT at left. Engineered for easy installation. You get a complete system . . . but eliminate excessive skilled labor costs. Cools average 1 floor, 3-bedroom house (up to 1700 sq. ft.) . . . will cool larger areas with proper insulation (if in doubt, check insulation requirements with Wards Customer Eng. Dept.)

Outside condenser section has top discharge to maintain full capacity regardless of air direction or velocity—won't kill grass or bushes. All exposed parts metallurgically treated to resist rust and corrosion. Has unitized construction—no bolts or screws to loosen and rattle. Your furnace blower motor must be minimum 1/4 HP to operate air conditioning system, 1/2 HP for top efficiency. See Gen. Cat. for electric motor. Specifications: Condenser Section—L 40 in., W 22 1/2 in., H 25 1/2 in.; Coil Case—L 23 1/2 in., W 21 in., H 14 1/2 in.; Air Promoting—W 19 1/2 in., L 21 1/2 in., H 14 1/2 in.; Air Promoting from Richmond, Ind. Fact. Available Dec. 1, 1961.

81 HCP 5675F—Ship. wt. 400 lbs. . . . Cash \$680.00

Refrigerant Line Extension Kit. 12-ft. charged Surt., Lig. lines. Shipped promptly Richmond, Ind. Fact. 81 HCP 5682F—Ship. wt. 20 lbs. . . . \$24.00

If you have a 2-story house and desire a central air conditioning system, Write Wards Customer Engineering Department for expert advice. See Coupon Back Cover.



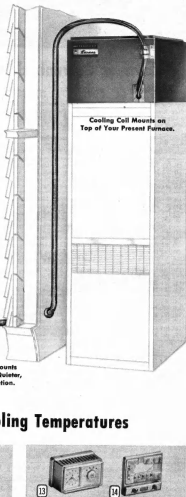
Condenser Section Mount
Outside of Home for Cooler,
More Efficient Operation.

Complete System

ONLY

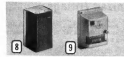
\$650.00

\$22.50 MONTH



Cooling Coil Mounts on
Top of Your Present Furnace.

Dependable Honeywell Controls Give Exact Cooling Temperatures



8 Universal Relay. Use with Self-Contained air conditioners (1) and (2) on opposite page to operate furnace blower motor at same time as the evaporator cooling blower.

81 HCP 8747 T—Postpaid. . . \$16.05

9 Furnace Filter Flag. Automatically indicates when filters need replacing. Assures more efficient cooling. Mounts on forced warm air furnace blower cabinet. Can be wired to signal light on sub-base of thermostat. From M.O. stock.

81 HCP 8719 T—Postpaid. . . \$3.95



10 Straight Cooling Thermostat with manual on-off switch. Recommended when cooling system is added to present heating system and present heating thermostat remains. Cooling unit fan runs only when compressor is running. Cooling system may be turned on or off by manual switch.

81 HCP 8715 T—For 24 volt, 60-cycle A.C. Postpaid. . . \$10.40

11 2-way Cooling Thermostat. Like (10) but has separate fan and cooling switches. Fan switch has "on-off" control. When in "auto" position, cooling unit fan cycles with compressor. When in "on" position, fan runs continuously. Cooling switch has "auto-off" control. When in "auto" position, cooling system is operated by cooling thermostat.

81 HCP 8716 T—For 24 volt, 60-cycle A.C. Postpaid. . . \$17.80

12 Combination Heating and Cooling Thermostat. For 1-spot control of heating and cooling systems. Replaces old heating thermostat. Fan can also operate for ventilation without heating or cooling system in operation.

81 HCP 8717 T—For 24 volt, 60-cycle A.C. Postpaid. . . \$18.60



Select Room
Honeywell Controls for
Your New Airway
Central Air
Conditioning System.



13 Completely Automatic Electric Clock Thermostat. The ultimate in around-the-clock comfort. For heating and/or cooling systems. Automatically lowers temperature at night raises it in morning. Saves fuel. With 110/24-V. transformer. Requires 2 wires for clock, 2 for thermostat. 2 3/4x5 1/2 in. Shipped promptly from M.O. House.

81 HCP 8704—For 24-V. or Millivolt sys. Postpaid. . . \$44.95

14 Sub-base for Thermostat (13). Required when installed on cooling system. Has system switch (Heat-Off-Cool), Fan switch (On-Auto). Signal light for clogged filters.

81 HCP 8714 T—Postpaid. . . \$9.70

CRACKED WARDS 9